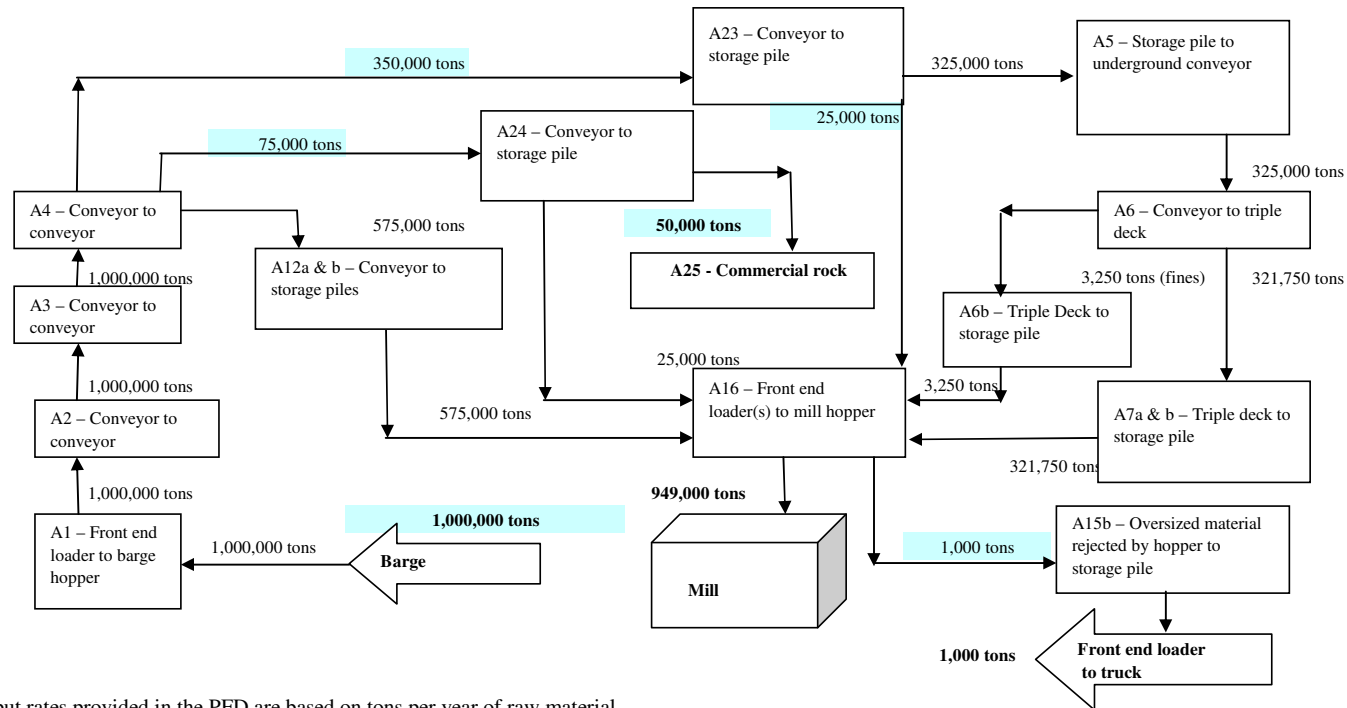


Ash Grove Cement Company, Rivergate Plant

2008 General Process Flow Diagram with Estimated Annual Throughputs - Barge

Raw Material Received by Barge (1)



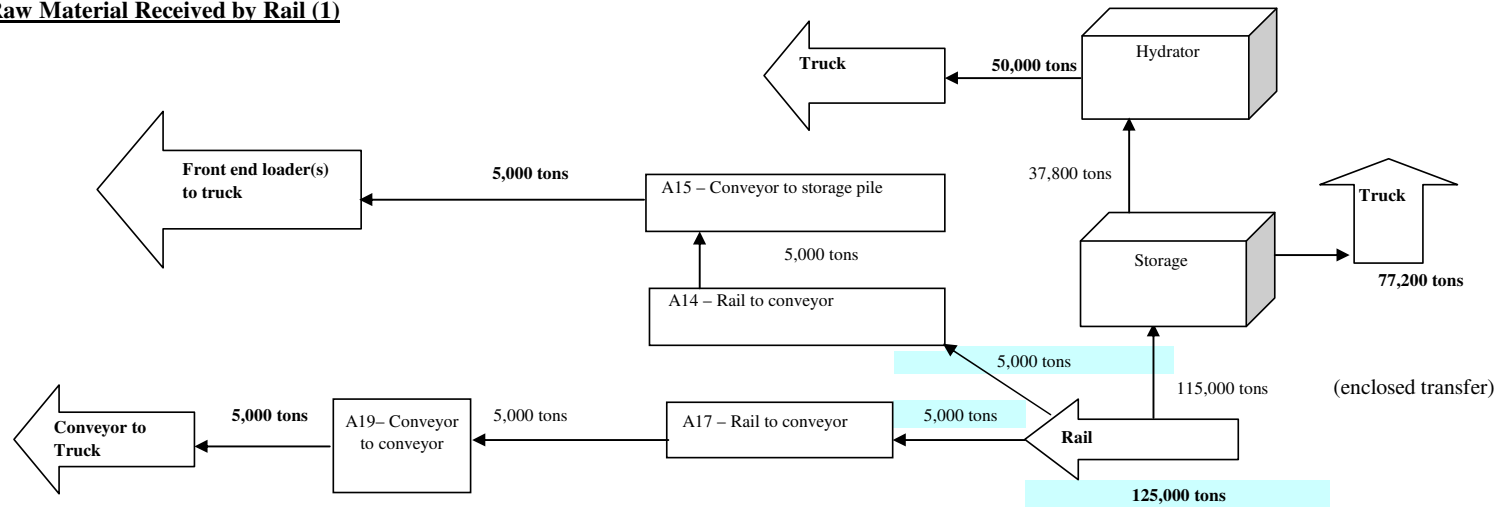
Notes:

(1) All throughput rates provided in the PFD are based on tons per year of raw material.

Ash Grove Cement Company, Rivergate Plant

2008 General Process Flow Diagram with Estimated Annual Throughputs - Rail

Raw Material Received by Rail (1)



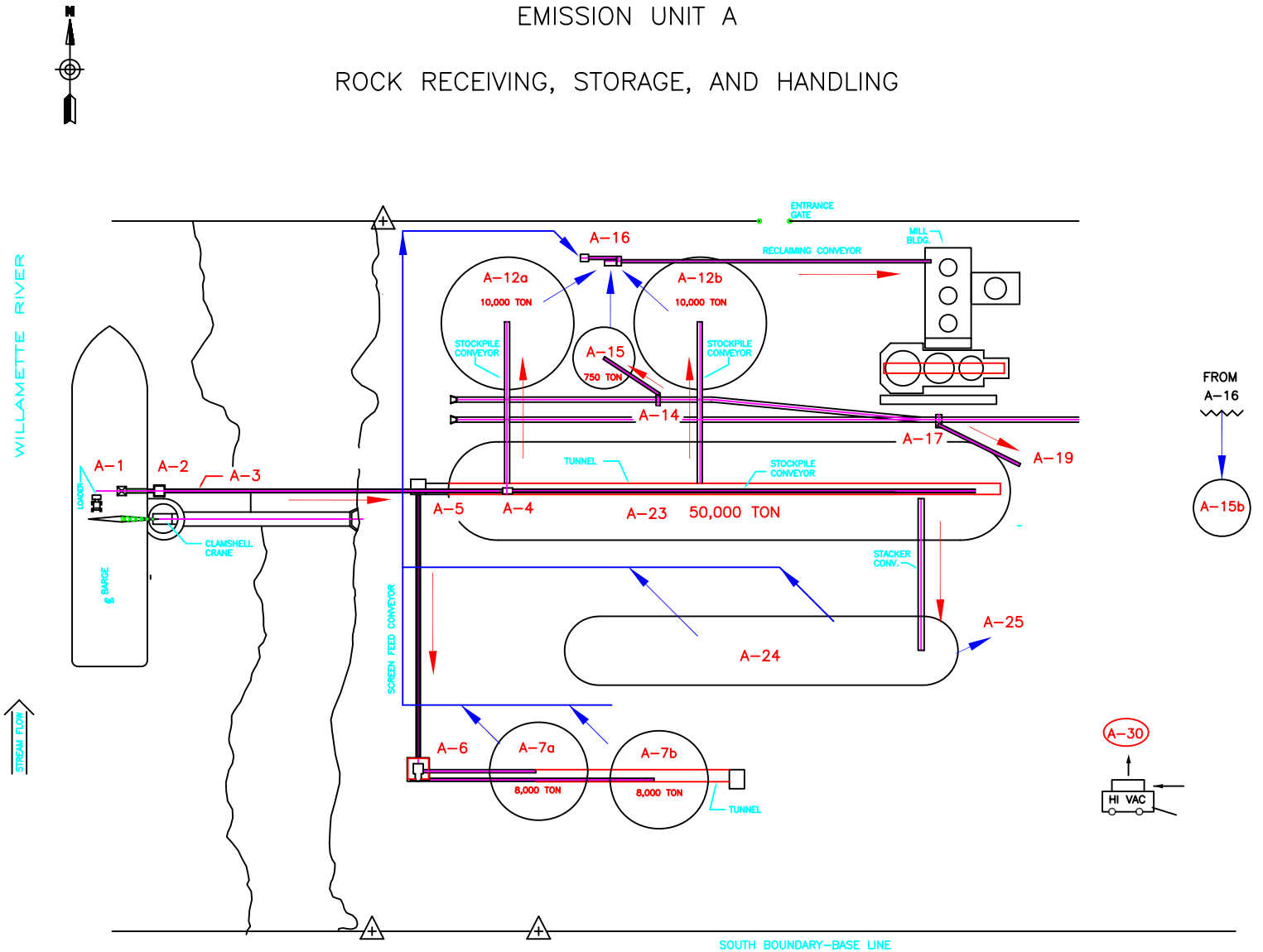
Notes:

(1) All throughput rates provided in the PFD are based on tons per year of raw material.

ASH GROVE CEMENT COMPANY, RIVERGATE PLANT

EMISSION UNIT A

ROCK RECEIVING, STORAGE, AND HANDLING



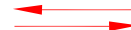
- A-1 BARGE HOPPER
- A-2 CONVEYOR TO CONVEYOR TRANSFER
- A-3 CONVEYOR TO CONVEYOR TRANSFER
- A-4 TRIPPER TRANSFER
- A-5 CONVEYOR TRANSFER
- A-6 TRIPLE DECK SCREEN
- A-7a RAW MATERIAL STOCKPILE
- A-7b RAW MATERIAL STOCKPILE

- A-12a RAW MATERIAL STOCKPILE (WEST)
- A-12b RAW MATERIAL STOCKPILE (EAST)
- A-14 RAIL TO STOCKPILE TRANSFER
- A-15 RAW MATERIAL STOCKPILE
- A-15b RAW MATERIAL STOCKPILE
- A-16 AG RECLAIM HOPPER
- A-17 RAIL TO BELT CONVEYOR TRANSFER
- A-19 BELT CONVEYOR TO TRUCK TRANSFER

- A-23 RAW MATERIAL STOCKPILE
- A-24 RAW MATERIAL STOCKPILE
- A-25 STOCKPILE TO TRUCK TRANSFER

- A-30 MOBILE VACUUM SYSTEM

CONVEYORS



FRONT END LOADERS

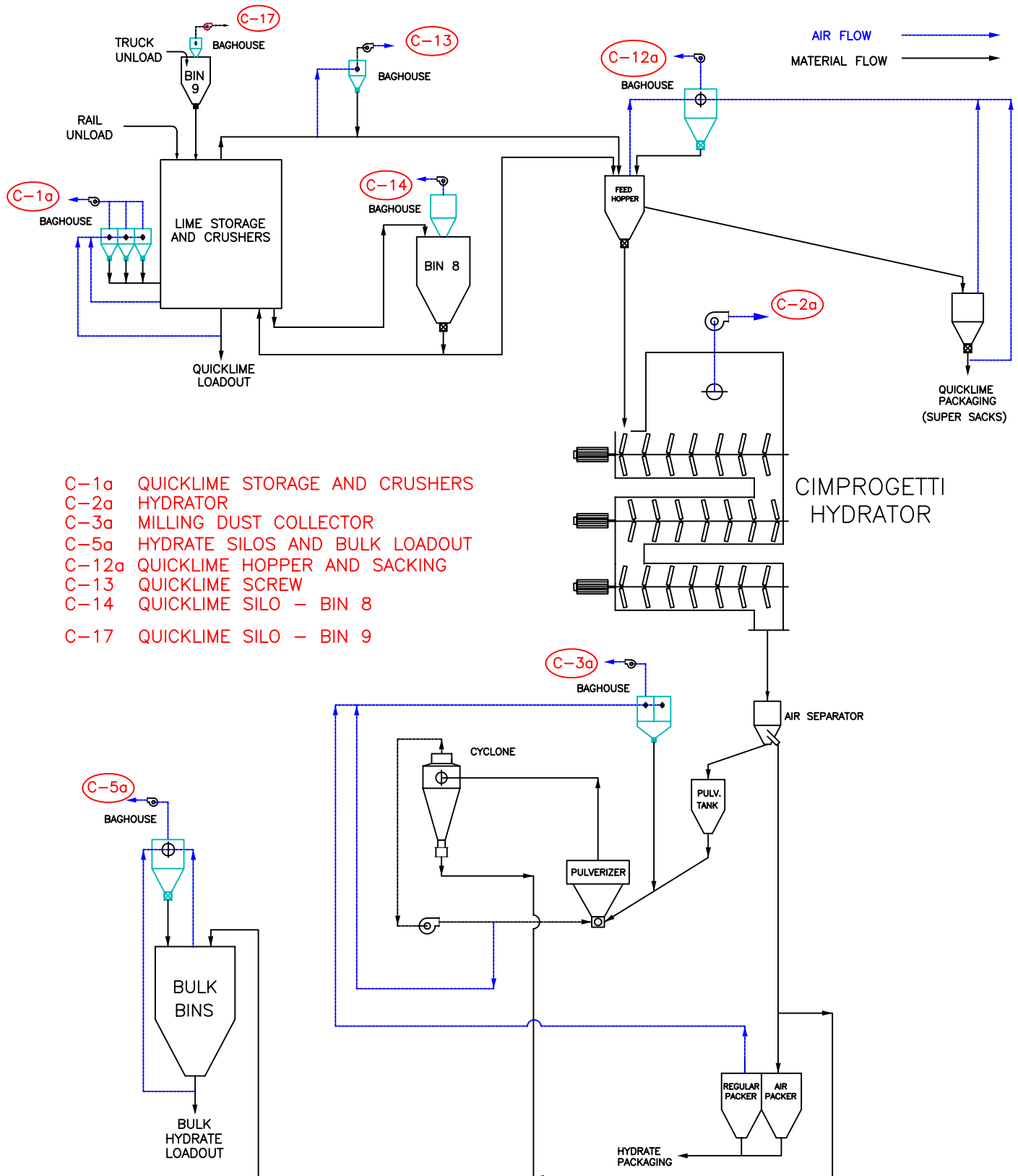


ASH GROVE CEMENT COMPANY, RIVERGATE PLANT

EMISSION UNIT C

HYDRATOR

QUICKLIME AND HYDRATE – STORAGE AND SHIPPING



- C-1a QUICKLIME STORAGE AND CRUSHERS
- C-2a HYDRATOR
- C-3a MILLING DUST COLLECTOR
- C-5a HYDRATE SILOS AND BULK LOADOUT
- C-12a QUICKLIME HOPPER AND SACKING
- C-13 QUICKLIME SCREW
- C-14 QUICKLIME SILO – BIN 8
- C-17 QUICKLIME SILO – BIN 9

ASH GROVE CEMENT COMPANY, RIVERGATE PLANT

EMISSION UNIT D

AGRICULTURAL PRODUCTS – GRINDING, STORAGE, AND SHIPPING

